Peter Siedlaczek's

EXTENDED CLASSICAL CHOIR

2 CDs

best service
sounds & more

Gigantic classical choir, over 100 singers,
sampled at half-tones, from „aaa" to „zzz", long & short
looped, men, women, mixed choir, bass, tenor, alto, soprano;
fantastic falls, swells and choir voice effects

What's new in the extended version

Irritated by the annoying side effects of pitch shifting - especially audible with human voices - and the artificial stiffness of conventional, short-looped samples I decided to extend the existing "Classical Choir" and attempt to achieve a new standard for sampled sounds of human voices.

The result is a library with remarkably improved quality, using 12 samples per octave - so that no transposition of samples is necessary - and looping techniques which do not destroy the natural character of the sound. If you can afford the memory space, use the long loop versions, which I highly recomend. If not - do not worry; you will find a "new generation" of short loop versions in this library, as well. They sound - thanks to some clever, advanced looping techniques - astoundingly good. You can replace them with the long looped categories at any time, as their tonal and physical properties are nearly the same.

So, welcome to the first choral library containing samples recorded at half-steps, performed by even more singers, and with greatly improved, consistent sonic quality - closer to a natural human sound than ever before.

Enjoy the impressive sound of the human voice!

Peter Siedlaczek

Produced by Peter Siedlaczek
Co-produced by Klaus Kandler, best service

Recorded at Warsaw Philharmonic Hall
Sound Engineers: Andrzej Lupa, Andrzej Sasin

Performed by members of the
National Philharmonic Choir, Warsaw

Conductor: Henryk Wojnarowski

Sample processing, Akai- & GS-programming
by Holger Leonhard / upArt sound dpt.

About the "Classical Choir"

Over 100 men and woman - a philharmonic choir with worldwide credits - let their voices ring out in a gigantic concert-hall. Not only the important vowels and such "singable" consonants as "zzz" and "rrr" have been recorded - all with the full range of the classical choir (from Eb1 to C5) - but also a selection

of interesting voice effects and clusters. The samples can be used in many different ways. Whether you want a natural choral sound or whether you are creating new sounds, these samples provide the user with perfect material with which to work. You can even build simple words or syllables by combining vowels and consonants. You can add a piano ADSR curve to a cluster sound, or, for example, try time compression for a fast crossfade between clusters and straight sounds, and you will realise the endless possibilities offered by this library.

"Serious" composers of film and theatrical music can also test their compositions and arrangements creating layouts with this professional sound material prior to bringing the real and expensive choir into the studio.

Special care was taken to maintain the global choral architecture, thereby assuring smooth transitions between bass and tenor, tenor and alto and so on.

Although the "Classical Choir" makes no claim to be a fully comprehensive choral library, which would raise the price out of all proportion, it is a carefully selected collection of versatile and ultimately usable choral material, which is guaranteed to stimulate your creativity and lead you to new ideas.

AKAI VERSION

Short looped 16 mb and 32 mb mixsets

Due to the memory limitations of earlier AKAI Samplers (32 Mb except for the Series 5000 upwards) we created short looped but still very good sounding sets which need less then 16 MB of Memory (yes, every key still has got an individual sample!). The envelope parameters are the same as in the long looped sounds.

Because of the fact, that the full, long looped sets needs 40 - 50 MBs of RAM, we also created 32 MB MIX Sets. Their lower and upper range uses short looped sounds whereas the more important midrange (C2 to C4) consists of long looped samples.

However, for the best sound quality possible, you can either:

a) use two AKAI-samplers and load a long looped midrange program (for example: "ahh C2-C4" from the volume "ahh mix 32 MB") in the first and a long looped low and high range (for example: "ahh 1D-B1" and "ahh 4C-C5) from the next volume in the second AKAI and mix them together, or

b) record both programs on your audio system in two or more separate takes using just one AKAI sampler.

Note: *All long- and short-looped samples and programs within one category are named the same, so just replace the programs or single samples to create your individual settings.*

Note: 1D = D#1; 4C = C#4 etc.

Important tips for E-mu EOS users:

To enjoy the full quality of the long looped sets, first load the midrange preset (for example: "ahh C2-C4" - just the single preset, NOT the whole bank!) and the long looped presets which cover the low and the high range ("ahh 1D-B1" and "ahh 4C-C5"). Go to edit preset "ahh C2-C4" / link and add two new links: "ahh 1D-B1" and "ahh 4C-C5". If you now select the "ahh C2-C4" preset (e.g. in Multi Mode), you can play the wole keyrange from Eb1 to C5. Don´t forget to save the new bank to your hard disc!

Program variations:

In addition to the natural sounding choir program always placed at program number 1, we have added some versions with soft attack and long release times. All attacks and releases are optimized to work well with the typical ambience of a medium sized concert-hall. All these programs are available as additional mono-versions.

The following example ("ahh") shows the available program variations of every sustained choir category:

Stereo programs:

Nr.	name	description
01	ahh	short release, every key mapped with individual sample
02	ahh R	long release version of program 01
03	ahh 3	short release, only samples D#, F#, A and C mapped
04	ahh 3R	long release version of program 3

Mono programs:

05	ahh M	mono version of program 1
06	ahh MR	mono version of program 2
07	ahh 3M	mono version of program 3
08	ahh 3MR	mono version of program 4

Block-programs for individual combination of long and short looped samples

09 ahh 1D-B1 contains the low range samples Eb1 – B1
09 ahh C2-C4 contains the mid range samples C2 – C4
09 ahh 4C-C5 contains the hi range samples C#4 – C5

Classical Choir ROM Content:

Sustained choir sounds

Sustained vowels, available as long and short looped versions:

ahh [a:] **keyrange: Eb1 - C5**

short looped version
15.8 Mb ROM 1 / C1 / vol "ahh SL 16 Mb"
mixed version
31.8 Mb ROM 1 / E1 / vol "ahh mix 32 Mb"
low / hi range long looped
19.9 Mb ROM 1 / E2 / vol "ahh lo+hi LL"

ehh [e:] **keyrange Eb1 - C5**

short looped version
15.9 Mb ROM 1 / A3 / vol "ehh SL 16 Mb"
mixed version
31.9 Mb ROM 1 / G1 / vol "ehh mix 32 Mb"
low / hi range long looped
20.8 Mb ROM 1 / G2 / vol "ehh lo+hi LL"

eeh [i:] **keyrange Eb1 - C5**

short looped version
14.9 Mb ROM 1 / B3 / vol "eeh SL 16 Mb"
mixed version
31.8 Mb ROM 2 / F1 / vol "eeh mix 32 Mb"
low / hi range long looped
20.2 Mb ROM 2 / F2 / vol "eeh lo+hi LL"

ohh [o:] **keyrange Eb1 - C5**

short looped version
14.2 Mb ROM 1 / A1 / vol "ohh SL 16 Mb"
mixed version
30.8 Mb ROM 2 / B1 / vol "ohh mix 32 Mb"
low / hi range long looped
19.7 Mb ROM 2 / B2 / vol "ohh lo+hi LL"

ooh [u:] **keyrange Eb1 - C5**

short looped version
13.4 Mb ROM 1 / A2 / vol "ooh SL 16 Mb"
mixed version
31.0 Mb ROM 1 / F1 / vol "ooh mix 32 Mb"
low / hi range long looped
20.9 Mb R1 / F2 / vol "ooh lo+hi LL"

yhh [y:] **keyrange Eb1 - C5**

short looped version
15.2 Mb ROM 1 / B4 / vol "yhh SL 16 Mb"
mixed version
31.1 Mb ROM 2 / E1 / vol "yhh mix 32 Mb"
low / hi range long looped
20.3 Mb ROM 2 / E2 / vol "yhh lo+hi LL"

mhh **keyrange F#1 - Eb4**

short looped version
14.1 Mb ROM 1 / B1 / vol "mhh SL 16 Mb"
mixed version
30.8 Mb ROM 2 / G1 / vol "mhh mix 32 Mb"
low / hi range long looped
8.9 Mb ROM 2 / G2 / vol "mhh lo+hi LL"

rrr **keyrange Eb1 - A4**

short looped version
14.9 Mb ROM 1 / C2 / vol "rrr SL 16 Mb"
mixed version
28.8 Mb ROM 2 / C1 / vol "rrr mix 32 Mb"
low / hi range long looped
15.8 Mb ROM 2 / C2 / vol "rrr lo+hi LL"

vvv **keyrange Eb1 - A4**

short looped version
12.9 Mb ROM 1 / B2 / vol "vvv SL 16 Mb"
mixed version
28.8 Mb ROM 2 / D1 / vol "vvv mix 32Mb"
low / hi range long looped
16.2 Mb ROM 2 / D2 / vol "vvv lo+hi LL"

zzz **keyrange Eb1 - A4**

short looped version
13.9 Mb ROM 1 / A4 / vol "zzz SL 16 Mb"
mixed version
29.2 Mb ROM 2 / A1 / vol "zzz mix 32 Mb"
low / hi range long looped
16.3 Mb ROM 2 / A2 / vol "zzz lo+hi LL"

Sustained syllables, available as long and short looped versions

hommm **Eb1 - G2**

short looped version
8.3 Mb ROM 1 / C3 / vol "hommm SL"
long looped version
14.8 Mb ROM 2 / G3 / vol "hommm LL"

houuu **Eb1 - A2**

short looped version
9.7 Mb ROM 1 / D1 / vol "houuu SL"
long looped version
17.1 Mb ROM 2 / H1 / vol "houuu LL"

vohmmm **Eb1 - G2**

short looped version
8.3 Mb ROM 1 / C4 / vol "vohmmm SL"
long looped version
16.4 Mb ROM 2 / H2 / vol "vohmmm LL"

zoommm **Eb1 - A2**

short looped version
9.8 Mb ROM 1 / C5 / vol "zoommm SL"
long looped version
16.3 Mb ROM 2 / H3 / vol "zoommm LL"

Percussive syllables and slow transition sounds

fah **Eb2 – Eb3**

5.0 Mb ROM 1 / D2 / vol "short fah"

hah **Eb2 – Eb3**

6.2 Mb ROM 1 / D3 / vol "short hah"

hoo **Eb2 – Eb3**

6.0 Mb ROM 1 / D4 / vol "short hoo"

tong **Eb1 - A2**

7.9 Mb ROM 1 / D5 / vol "short tong"

hee-ahh-ooh **F2 - E3**

2.8 Mb ROM 1 / D6 / vol "hee-ahh-ooh"

hoo-ahh-ehh **F2 - E3**

2.9 Mb: ROM 1 / D7 / vol "hoo-ahh-ehh"

Choir effects and miscellaneous sounds

The first program in every volume contains all the primary samples with their original tuning mapped to the white keys starting at C2 upwards.

The following programs contain respectively one sample which can be played (transposed) between C1 and C6.

cluster glissandi
7.5 Mb ROM 1 / H1 / vol "clustr gliss"

cluster
19.7 Mb ROM 1 / H2 / vol "cluster"

crossfades unisono – cluster
6.0 Mb ROM 1 / H3 / vol "crossfades"

glissandi
2.7 Mb ROM 1 / H4 / vol "glissandi"

endless glissandi
21.0 Mb ROM 1 / H5 / vol "endless glis"

falls
1.5 Mb ROM 1 / H6 / vol "falls"

laughter
2.6 Mb ROM 1 / I01 / vol "laughter"

swells
1.6 Mb ROM 1 / I02 / vol "swells"

ahh falls
1.1 Mb ROM 1 / I03 / vol "ahh falls"

choir mixed shouts
1.4 Mb ROM 1 / I04 / vol "all shouts"

choir bass shouts
1.0 Mb ROM 1 / I05 / vol "deep shouts"

choir female shouts
1.0 Mb ROM 1 / I06 / vol "fem shouts"

choir male shouts
1.0 Mb ROM 1 / I07 / vol "male shouts"

consonants
1.0 Mb ROM 1 / I08 / vol "consonants"

extreme vibrato
6.8 Mb ROM 1 / I09 / vol "vibra xtreme"

voice atmos
6.5 Mb ROM 1 / I10 / vol "voice atmos"

whistles
4.5 Mb ROM 1 / I11 / vol "whistles"

voiceless
3.0 Mb ROM 1 / I12 / vol "voiceless"

Delta choir

This is your bonus sound, a mysterious sounding choir, created by using a vintage vocoder and -phaser. Each note is sampled and looped individually.

delta choir C1 - C5
29.8 Mb ROM 2 / I1 / vol "delta choir"

License agreement:

The samples and programs contained in this library are licensed to you for use in music, multimedia and film productions only. Only the purchaser of this CD is authorized to use the sounds. Unauthorized copying, reproduction (including conversion and reproduction in other data formats), hire, rental, public performance, broadcasting and distribution is expressly prohibited.

GIGASAMPLER VERSION

Classical Choir ROM Content

Program variations and Midi-Control:

In addition to the natural sounding choir program always placed at bank program number 0, we have added some versions with soft attack and long release times. All attacks and releases are optimized to work well with the typical ambience of a medium sized concert-hall. The additional programs use Giga Sampler's internal notch filter which simulates a soft phaser. The sweep can be controlled via the Mod-Wheel (MIDI-Controller #4).

An overview of the available program variations in every sustained choir category:

natural attack, short release
(release time approx. 0.1 s, sounds good in all transitions between the notes)

soft attack, short release
(attack time approx. 0.8 s, sounds smoother than natural)

natural attack, long release
(release time approx. 1 s, for soft overlaps by transitions)

soft attack, short release (combines smooth attacks and long release, very special)

soft attack, long release
The program variations below have the same attack and release parameters as the programs above, but the notch filter is added to create sweeping phaser effects:

[sweep] natural attack, short release
[sweep] soft attack, short release
[sweep] natural attack, long release
[sweep] soft attack long, release

Sustained choir sounds

Sustained sounds, available as long and short looped versions:

ahh [a:]	Eb1 - C5
ehh [e:]	Eb1 - C5
eeh [i:]	Eb1 - C5
ohh [o:]	Eb1 - C5
ooh [u:]	Eb1 - C5
yhh [y:]	Eb1 - C5
mhh	F#1 - Eb4
rrr	Eb1 - A4
vvv	Eb1 - A4
zzz	Eb1 - A4

long looped versions: ROM 2 / sustained choir long looped / total disc space required: 428 Mb

short looped versions: ROM 1 / sustained choir short looped / total disc space required: 149 Mb

Sustained sounds / morphing sets:
Crossfades between different vowels and consonants can be controlled via the Mod-Wheel (MIDI-Controller #4). Available as long and short looped versions.

ohh - vvv	Eb1 - A4
ooh – ahh	Eb1 - C5
ooh – eeh	Eb1 - C5
yhh – zzz	Eb1 - A4

long looped versions: ROM 1 / choir morphs long looped / total disc space required:345 Mb

short looped versions: ROM 2 / choir morphs short looped/ total disc space required: 113 Mb

Syllables

Sustained sounds, available as long and short looped versions:

hommm	Eb1 - G2
houuu	Eb1 - A2
vohmmm	Eb1 - G2
zoommm	Eb1 - A2

long looped versions: ROM 2 / choir syllables long looped/ total disc space required: 66 Mb

short looped versions: ROM 2 / choir syllables short looped/ total disc space required: 37 Mb

Percussive syllables and slow transition sounds

fah	Eb2 – Eb3
hah	Eb2 – Eb3
hoo	Eb2 – Eb3
tong	Eb1 - A2
hee-ahh-ooh	F2 - E3
hoo-ahh-ehh	F2 - E3

ROM 1 / choir syllables / total disc space required: 31 Mb

Choir effects and miscellaneous sounds

cluster glissandi
cluster
crossfades unisono - cluster
endless glissandi
falls
glissandi
laughter
short sounds
swells
extreme vibrato
voice atmos
voiceless
whistle

ROM 1 / choir effects / total disc space required: 89 Mb

Delta choir

This is your bonus sound, a mysterious sounding choir, created by using a vintage vocoder and -phaser. Each note is sampled and looped and additional GS-Filter realtime control is available. (C1 to C5)

ROM 1 / delta choir / total disc space required: 30 Mb

License agreement:

The samples and programs contained in this library are licensed to you for use in music, multimedia and film productions only. Only the purchaser of this CD is authorized to use the sounds. Unauthorized copying, reproduction (including conversion and reproduction in other data formats), hire, rental, public performance, broadcasting and distribution is expressly prohibited.